

INTERNATIONAL SEARCH REPORT

International application No.

PCT/NZ2004/000236

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: H02J 17/00, H01F 38/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI, esp@cenet IPC: H02J, H02M, H01F, B60L & keywords: CONTACTLESS, INDUCTIVE TRANSFER, MODULAT, DETECT, CONTROL and other terms.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|---|-----------------------|
| X | Derwent Abstract Accession No.2001-263115/27, Class W02, JP 2001053657 A (NIPPON SYSTEM KENKYUSHO KK) 23 February 2001 See abstract | 1-52 |
| X | Derwent Abstract Accession No. 2001-593539/67, Class P32;T07, JP 2001231811 A (JSTM KK) 28 August 2001 See abstract | 1-52 |
| X | Derwent Abstract Accession No. 2001-608525/70, Class T04, JP 2001067449 A (NIPPON SYSTEM KENKYUSHO KK) 16 March 2001 | 1-52 |
| X | Derwent Abstract Accession No. 2002-371439/40, Class U24, WO 2002/007173 A1 (YAMATAKE CORP) 24 January 2002 See abstract | 1-52 |

☒ Further documents are listed in the continuation of Box C☒ See patent family annex

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|---|--|
| * Special categories of cited documents: | "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention |
| "A" document defining the general state of the art which is not considered to be of particular relevance | "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone |
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| "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) | "&" document member of the same patent family |
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| "P" document published prior to the international filing date but later than the priority date claimed | |

Date of the actual completion of the international search
8 December 2004Date of mailing of the international search report
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| C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT | | |
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| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| X | US 6047535 A (SCHROERS ET AL) 11 April 2000 See abstract | 1-52 |
| X | US 4953123 A (TAKEUCHI ET AL) 28 August 1990 See abstract and whole document | 1-52 |
| X | US 6477425 B1 (NOWICK ET AL) 5 November 2002 See whole document | 1-52 |
| X | US 6091779 A (GRIESSBACH) 18 July 2000 See abstract and column 1 lines 17-65 | 1-52 |
| X | Derwent Abstract Accession No. 98-336165/30 FR 2756953 A1 (INNOVATRON IND SA) 12 June 1998 | 1-52 |
| X | EP 886232 A2 (HITACHI LTD) 23 December 1998 See whole document | 1-52 |
| X | US 6345203 B1 (MUELLER ET AL) 5 February 2002 See whole document. | 1-52 |
| X | Derwent Abstract Accession No. 2000-151726/14, Class T04, JP 2000011105 A (MITSUBISHI ELECTRIC CORP) 14 January 2000 See abstract | 1-52 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/NZ2004/000236

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

| Patent Document Cited in Search Report | | Patent Family Member | | | |
|---|------------|----------------------|------------|----|------------|
| JP | 2001053657 | | | | |
| WO | 0207173 | AU | 60170/00 | US | 6750560 |
| US | 6047535 | CN | 1214523 | CZ | 9802611 |
| | | JP | 11176674 | EP | 0897999 |
| US | 4953123 | JP | 1184781 | | |
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| EP | 0849121 | DE | 19653522 | JP | 10215208 |
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| | | EP | 0901670 | EP | 0898762 |
| | | IL | 125715 | US | 6636146 |
| | | WO | 9826370 | WO | 9826371 |
| EP | 0886232 | JP | 11088036 | US | 6194993 |
| | | | | US | 2001000659 |
| US | 6345203 | US | 6047214 | US | 6263247 |
| JP | 2000011105 | | | | |
| JP | 2001231811 | | | | |
| JP | 2001067449 | | | | |
| Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001. | | | | | |
| END OF ANNEX | | | | | |